

PTO/SB/21 (09-04)

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|---|------------------------|-----------------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 03/448,175 |
| | Filing Date | November 24, 1999 |
| | First Named Inventor | Hanna S-H Hsu, et al. |
| | Art Unit | 2634 |
| | Examiner Name | Qdpm, Curtis B. |
| Total Number of Pages in This Submission | Attorney Docket Number | 12-0887 |

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| ENCLOSURES (Check all that apply) | | |
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| Remarks | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|----------------------------|----------|--------|
| Firm Name | Katten Muchin Rosenman LLP | | |
| Signature | <i>John S. Panagias</i> | | |
| Printed name | John S. Panagias | | |
| Date | July 25, 2005 | Reg. No. | 31,051 |

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| Typed or printed name | Janelle A. Reitz |
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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4318)

FEE TRANSMITTAL For FY 2005

☐ Applicant claim, small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) \$450.00

Complete if Known

Application Number 09/448,175
Filing Date November 24, 1999
First Named Inventor Hanna S-H Hsu, et al.
Examiner Name Odom, Curtis B.
Art Unit 2634
Attorney Docket No. 12-0887

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):
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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES

| Fee Description | Fee (\$) | Small Entity Fee (\$) |
|--|--------------|-----------------------|
| Each claim over 20 (including Reissues) | 50 | 25 |
| Each independent claim over 3 (including Reissues) | 200 | 100 |
| Multiple dependent claims | 360 | 180 |
| Total Claims | Extra Claims | Fee (\$) |
| - 20 c. MP = | if | Fee Paid (\$) |
| MP = highest number of total claims paid for, if greater than 20. | | |
| Indep. Claims | Extra Claims | Fee (\$) |
| - 3 or 1. P = | if | Fee Paid (\$) |
| MP = highest number of independent claims paid for, if greater than 3. | | |

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$)

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Person for Extension of Time (2-month)

Fees Paid (\$)

\$450.00

SUBMITTED BY

Signature: [Signature] Registration No. 31,051 Telephone (312) 902-5200
Name (Print/Type): John S. Panigrahy Date 7-25-05

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| July 25, 2005 | 211467-00088 | | |
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| John S. Paniagua | 32347 | | |
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| Total number of pages, including cover letter: pages If you do not receive all of the pages, please call: 312.902.5312 15 pages | | | |

Comments

RE: Patent Application No. 09/448,175
 Filing Date: November 21, 1999
 Inventor: Hanna S-H Hsu, et al.
 Title: Polyphase Filter with Stack Shift Capability
 Confirmation No.: 4745
 Please file the attached:
 Transmittal Form (1 p.)
 Fee Transmittal Form (1 p.)
 Amendment (6 pp.)
 Patent Application Fee Discontinuation Record (1 p.)
 Petition for Extension of Time (1 p.) - in duplicate
 Change of Correspondence (1 p.)

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PATENT
 Attorney Docket No. 12-0887

IN THE U.S. PATENT AND TRADEMARK OFFICE

Application No.: 09/448,175)
)
 Filing Date November 24, 1999)
)
 Inventor(s) Hanna S-H Hsu, et al.)
)
 Group Art Unit: 2634)
)
 Examiner Name: Odom, Curtis B.)
)
 Customer No.: 27160)
)
 Title: POI YPHASE FILTER WITH)
 STACK SHIFT CAPABILITY)
)
 Confirmation No.: 4745)

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AMENDMENT

Sir:

In response to the Official Action mailed on February 23, 2005, please amend the above-identified application as follows.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

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